

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 100.004.6	SERIAL NUMBER 10/809,835
	APPLICANT(S) PRINCE	
	FILING DATE March 25, 2004	GROUP ART UNIT 3737

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
RSS	4,915,111	04/10/90	Sano et al.			
	4,585,008	04/29/86	Jarkewicz			
	4,585,941	04/29/86	Bergner			
	5,087,439	02/11/92	Qusy			
	4,865,043	09/12/89	Shimoni			
	5,305,751	04/26/94	Chopp et al.			
	5,315,997	05/31/94	Widder et al.			
	4,597,754	07/01/86	Thill, et al.			
	4,202,333	05/13/90 5/1980	Thill, et al.			
	4,298,000	11/03/81	Thill, et al.			
RSS	4,430,079	02/07/84	Thill, et al.			

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7/23/09

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RSS	"Abdominal Aortography with Dynamic High-Dose Gadopentetate Dimeglumine", Prince, SMRM 12th Annual Meeting, August, 1993
	"Dynamic Gadolinium-Enhanced Three-dimensional Abdominal MR Arteriography", Prince et al., JMRI, Vol. 3, No. 6 November/December 1993, pp. 877-891
	"Gadolinium-enhanced MR Aortography", Prince, Radiology, Vol. 191, No. 1, Pages 155-164, April 1994
	"Optimizing Blood Vessel Contrast in Fast Three-Dimensional MRI", Haacke, et al., SMRM Workshop on MR Imaging of Blood Flow, March 13-14, 1989, pp. 202-221
	"Magnetic Resonance Angiography of the Thoracic Aorta", Prince, et al., Magnetic Resonance Angiography: A Practical Approach, McGraw-Hill, Incorporated, 1995, Chapter 10, pp.131-138
	"Contrast Enhancement in Abdominal CT: Bolus vs. Infusion", Burgener, et al., AJR, vol. 137, pp. 351-358, 1981
RSS	"MRA Adds Value in Body Imaging", Prince, MR, vol. 5, number 3, pp. 29-31, Summer 1995

EXAMINER	DATE CONSIDERED
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U.S. PATENT DOCUMENTS

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RSS	6,311,085	10/30/01	Prince <i>dw</i>			
	6,240,311	5/29/01	Prince			
	5,924,987	7/20/99	Prince			
	5,762,065	6/9/98	Prince			
	5,746,208	5/5/98	Prince			
	5,590,654	1/7/97	Prince			
	5,579,767	12/3/96	Prince			
	5,553,619	6/10/96	Prince			
RSS	5,417,213	5/23/95	Prince			

2/23/09

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RSS	"An Extended-Length Coil Design for Peripheral MR Angiography", Rajan et al, Magnetic Resonance Imaging, Vol 9, No. 4, pp. 493-495, 1991
	"Fast MRI with turbo-FLASH Sequences in Aortoiliac Disease", Sivanathan et al., The Lancet, Vol. 338, pp. 1090-1091, October 26, 1991
	"The Use of Contrast-Enhanced TurboFLASH Sequences in Aorto-Iliac Disease and Their Comparison with Conventional Angiography", Sivanathan et al., SMRM 1992, Berlin, p. 3108
	"Preliminary Study of Pulmonary Three-Dimensional Time of Flight MR Angiography with Breath-Holding Using a Contrast Medium", Isoda et al., Radiation Medicine, Vol. 11, No. 5, September-October 1993, pp. 191-195
	"Fast Three-Dimensional Time-of-Flight MR Angiography with Timed Injection of Contrast Material", Kanal et al., Radiology 1991; Vol. 181(P), 119 (abstract 169C).
	"Fast Three-Dimensional Time-of-Flight MR Angiography with Contrast Bolus Injection", Talagala et al., SMRI 1992, paper #332.
	"Fast RF-spoiled Three-dimensional MR Angiography of Intracranial Vasculature in Scan Times under 1 minute", Talagala et al., Book of Abstracts, SMRM 1991, page 1021.
RSS	"Normal Abdominal Enhancement Patterns with Dynamic Gadolinium-enhanced MR Imaging, Radiology", Mirowitz et al., vol. 180, No. 3, 1991, pp. 637-640

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U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
RSS	5,799,649	11/1997	9/1998 Prince			
	6,230,041	5/2001	Prince			
	6,243,600	6/2001	Prince			
	6,278,892	8/2001	Prince			
	5,792,056	8/1998	Prince			
	5,494,036	11/1993	2/1996 Uber, III et al.			
	5,341,099	3/1995	8/1994 Suzuki			
	5,522,390	6/1996	Tuithof et al.			
RSS	5,516,863	2/1994	Damadian			

24
7/25/04

5515863

5/1996

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YEAR/0
RSS	EP 0 543 468	5/1993	European			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RSS	"Breath-Held 3D Gadolinium-Enhanced Renal Artery MRA", Prince et al., Proceedings of SMR, August 1995
	"Measuring Signal Intensity Curves in Both Blood and Tissue During Contrast Agent Administration using a Novel Rapid Interleaved Method", Taylor et al., SMRM August 1993, p.474
	"Clinical Evaluation of Pulmonary 3D Time-of-Flight MRA with Breath-Holding Using a Contrast Media", Isoda et al., Journal Computer Assisted Tomography, 19(6):911-919, November-December 1995
	"Gd-DTPA Enhanced Multi-slab 3D MR Angiography of Aorto-iliac Arteries", Amanuma et al., SMRM, August 1993, p.524
RSS	"Three-dimensional MR Angiography (3D-MRA) of Aortic Diseases with Bolus Administration of Contrast Media in a Single Breath-hold", Togami et al., SMRM, August 1994, p.969

EXAMINER /Ruth S. Smith/	DATE CONSIDERED 09/19/2006
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U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
RSS	5,287,273	8/1989 7/1994	Kupfer et al.			
	5,111,492	5/1992	Klausz			
	5,243,284	9/1993	Noll			
	5,451,211	9/1995	Neer et al.			
	5,472,403	12/1995	Cornacchia et al.			
	5,236,417	8/1993	Wallis			
RSS	5,515,851	5/1996	Goldstein			

Rs
7/23/09

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RSS	"Dynamic Three-dimensional Imaging with Partial K-Space Sampling: Initial Application for Gadolinium-enhanced Rate Characterization of Breast Lesions", Chenevert et al., Radiology, vol. 196, no. 1, 1995, p.135-142
	"Clinical application of pulmonary 3 dimensional time-of-flight MR angiography with breath-holding using a contrast medium", Isoda, et al., Society of Magnetic Resonance in Medicine, 11th Annual Scientific Meeting, Aug 8-14, 1992, Berlin, Germany, Works in Progress, p.3119, XP002111479
	"The arterial concentration of Gd-DTPA can be monitored non-invasively", Sondergaard, et al., Society of Magnetic Resonance in Medicine, 11th Annual Scientific Meeting, Aug 8-14, 1992, Berlin, Germany, Book of Abstracts, v.1, p.1120, XP002111480
	"Fast-scan magnetic resonance: Principles and applications", Wehrli, Magnetic Resonance Quarterly, v.6, no.3, 1990, p.165-236, XP002111477
	"A Rapid Interleaved Method for Measuring Signal Intensity Curves in both Blood and Tissue during Contrast Agent Administration, Taylor et al., Magnetic Resonance in Medicine, 30, 1993, pp.744-749
RSS	Dixon, "Simple Proton Spectroscopic Imaging", Radiology, November 25, 1984, pp. 189-194

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